

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference GNA 505 WO	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, Item 5 below.</small>	
International application No. PCT/IN2005/000139	International filing date (day/month/year) 03/05/2005	(Earliest) Priority Date (day/month/year) 22/04/2004
Applicant USV LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

A PROCESS FOR THE PREPARATION OF 1-(9H-CARBAZOL-4-YLOXY)-3- 2-(-METHOXYPHENOXY)-ETHYL AMINO-PROPAN-2-OL

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IN2005/000139

A. CLASSIFICATION OF SUBJECT MATTER
C07D209/88 C07D405/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, EMBASE, BIOSIS, WPI Data, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/059089 A (F. HOFFMANN-LA ROCHE AG) 1 August 2002 (2002-08-01) page 14; examples 14 and 15	1-8
Y	EP 0 127 099 A (BOEHRINGER MANNHEIM GMBH) 5 December 1984 (1984-12-05) example 3, page 15; example 7, page 17	1-8
Y	FR 2 196 165 A (BOEHRINGER MANNHEIM GMBH,DT; BOEHRINGER MANNHEIM GMBH) 15 March 1974 (1974-03-15) example 9, page 9 & GB 1 369 580 A (BOEHRINGER MANNHEIM GMBH) 9 October 1974 (1974-10-09) cited in the application	1-8
Y	EP 0 004 920 A (BOEHRINGER MANNHEIM GMBH) 31 October 1979 (1979-10-31) page 4; example 2, pages 9-10 -/--	1-8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

21 November 2005

Date of mailing of the international search report

02/12/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx 31 651 epo.nl
Fax: (+31-70) 340-3016

Authorized officer

Frelon, D

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IN2005/000139

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
	& US 4 503 067 A (WIEDEMANN ET AL) 5 March 1985 (1985-03-05) cited in the application -----	
Y	HEALD, SARAH L. ET AL: "Synthesis of iodine-125 labeled (.+-.)-15-'4-azidobenzyl!carazolol: a potent .beta.-adrenergic photoaffinity probe" JOURNAL OF MEDICINAL CHEMISTRY, vol. 26, no. 6, 1983, pages 832-838, XP002355118 Scheme II and page 837 -----	1-8
Y	TEJANI-BUTT, SHANAZ M. ET AL: "Synthesis and .beta.-adrenergic receptor blocking potency of 1-(substituted amino)-3-(4-indolyloxy)propan-2-ols" JOURNAL OF MEDICINAL CHEMISTRY, vol. 29, no. 8, 1986, pages 1524-1527, XP002355119 scheme I and page 1527 -----	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IN2005/000139

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02059089	A	01-08-2002	CA 2434408 A1	01-08-2002
			CN 1487922 A	07-04-2004
			JP 2004519465 T	02-07-2004
			MX PA03006606 A	22-09-2003
			US 2002099223 A1	25-07-2002
EP 0127099	A	05-12-1984	AU 551116 B2	17-04-1986
			AU 2848084 A	29-11-1984
			CA 1259071 A1	05-09-1989
			DE 3319027 A1	29-11-1984
			DK 91393 A	06-08-1993
			DK 255184 A	27-11-1984
			ES 8502683 A1	16-04-1985
			FI 842046 A	27-11-1984
			GR 81577 A1	11-12-1984
			HU 34160 A2	28-02-1985
			IE 57533 B1	24-03-1993
			IL 71876 A	30-10-1987
			JP 1818634 C	27-01-1994
			JP 5027622 B	21-04-1993
			JP 59222473 A	14-12-1984
			JP 1917129 C	23-03-1995
			JP 5208957 A	20-08-1993
			JP 6013508 B	23-02-1994
			KR 8601761 B1	21-10-1986
			NO 842084 A	27-11-1984
			NZ 208254 A	29-11-1988
			PH 22749 A	28-11-1988
			PT 78633 A	01-06-1984
			US 4824963 A	25-04-1989
			US 4985454 A	15-01-1991
			US 4697022 A	29-09-1987
			US 5071868 A	10-12-1991
			ZA 8403976 A	30-01-1985
FR 2196165	A	15-03-1974	AT 326677 B	29-12-1975
			AT 721373 A	15-03-1975
			AT 326679 B	29-12-1975
			AT 1014374 A	15-03-1975
			BE 882929 A1	23-10-1980
			CH 598216 A5	28-04-1978
			CH 598215 A5	28-04-1978
			DE 2240599 A1	28-02-1974
			GB 1369580 A	09-10-1974
			HK 6978 A	10-02-1978
			JP 1188601 C	30-01-1984
			JP 49056973 A	03-06-1974
			JP 58021624 B	02-05-1983
			KE 2814 A	24-02-1978
			MY 17178 A	31-12-1978
GB 1369580	A	09-10-1974	AT 326677 B	29-12-1975
			AT 721373 A	15-03-1975
			AT 326679 B	29-12-1975
			AT 1014374 A	15-03-1975
			BE 882929 A1	23-10-1980
			CH 598216 A5	28-04-1978
			CH 598215 A5	28-04-1978

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IN2005/000139

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 1369580	A	DE 2240599 A1	28-02-1974
		FR 2196165 A1	15-03-1974
		HK 6978 A	10-02-1978
		JP 1188601 C	30-01-1984
		JP 49056973 A	03-06-1974
		JP 58021624 B	02-05-1983
		KE 2814 A	24-02-1978
		MY 17178 A	31-12-1978
EP 0004920	A	31-10-1979	
		AT 375639 B	27-08-1984
		AT 276279 A	15-01-1984
		AU 522975 B2	08-07-1982
		AU 4582079 A	18-10-1979
		BG 61419 B2	31-07-1997
		CA 1129416 A1	10-08-1982
		CS 227007 B2	16-04-1984
		CS 9104200 A3	15-04-1992
		DD 143607 A5	03-09-1980
		DE 2815926 A1	18-10-1979
		DK 141979 A	14-10-1979
		ES 479396 A1	16-04-1980
		FI 791142 A	14-10-1979
		HK 2385 A	18-01-1985
		HU 179433 B	28-10-1982
		IL 57020 A	30-07-1982
		JP 1023462 B	02-05-1989
		JP 1545837 C	28-02-1990
		JP 54157558 A	12-12-1979
		JP 63258416 A	25-10-1988
		LT 2628 R3	25-04-1994
		LU 88320 A9	04-05-1994
		MX 9203380 A1	01-09-1992
		NL 930110 I1	18-10-1993
		SG 52284 G	29-03-1985
		SU 810079 A3	28-02-1981
		US 4503067 A	05-03-1985
		ZA 7901732 A	28-05-1980
US 4503067	A	05-03-1985	
		AT 375639 B	27-08-1984
		AT 276279 A	15-01-1984
		AU 522975 B2	08-07-1982
		AU 4582079 A	18-10-1979
		BG 61419 B2	31-07-1997
		CA 1129416 A1	10-08-1982
		CS 227007 B2	16-04-1984
		CS 9104200 A3	15-04-1992
		DD 143607 A5	03-09-1980
		DE 2815926 A1	18-10-1979
		DK 141979 A	14-10-1979
		EP 0004920 A1	31-10-1979
		ES 479396 A1	16-04-1980
		FI 791142 A	14-10-1979
		HK 2385 A	18-01-1985
		HU 179433 B	28-10-1982
		IL 57020 A	30-07-1982
		JP 1023462 B	02-05-1989
		JP 1545837 C	28-02-1990
		JP 54157558 A	12-12-1979

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IN2005/000139

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4503067	A	JP 63258416 A	25-10-1988
		LT 2628 R3	25-04-1994
		LU 88320 A9	04-05-1994
		MX 9203380 A1	01-09-1992
		NL 930110 I1	18-10-1993
		SG 52284 G	29-03-1985
		SU 810079 A3	28-02-1981
		ZA 7901732 A	28-05-1980
